



Workshop on R programming

2025-26

Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
 (An Empowered Autonomous Institute)
Department of Statistics

NOTICE

Date: 09/02/2026

All the students of B.Sc. II, III and M.Sc. I, II (Statistics / Applied Statistics) are hereby informed that the Department of Statistics is organizing a **Workshop on R Programming** from 11th February 2026 to 15th February 2026. The schedule of the workshop is as follows:

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Day No.	Day & Date	Topic Name	Lecturer	Time
1	Wednesday 11/02/2026	Installation and introduction to R, History, Object identification. Creation of vector using commands: combine (c), scan, cbind, rbind, seq, rep, edit, sort, length.	Mr. S. S. Salokhe	9:00 am - 11:00 am
2	Thursday 12/02/2026	Operations on vectors, Relational operators, Logical Operators, Assignment Operators, Object Identification	Dr. D. G. Godase	9:00 am - 11:00 am
3	Friday 13/02/2026	Import and export data, For loop, while loop, if-else statement, break statement, Programming in R.	Dr. Sachin Patil	9:00 am - 11:00 am
4	Saturday 14/02/2026	Data visualization, Diagrammatic representation of data, Graphical representation of data, Random number generation	Dr. Sachin Patil	9:00 am - 11:00 am
5	Sunday 15/02/2026	Matrix manipulation, Creation of data frame, Exploratory Data Analysis: mean, variance, quantiles, pdf, cdf, correlation, summary, Installation of packages. Statistical tools: prop.test, t.test, wilcox.test, ks.test, chisq.test, cor.test, linear regression	Mr. A. P. Patil Mr. D. D. Patil Mr. U. S. Mane	9:00 am - 11:00 am

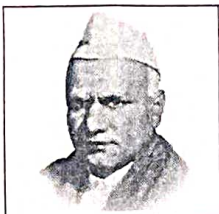
Venue: B.Sc./M.Sc. Computer lab I department of statistics.


 Mrs. V. C. Shinde

HEAD
 DEPARTMENT OF STATISTICS
 VIVEKANAND COLLEGE, KOLHAPUR
 (EMPOWERED AUTONOMOUS)



Workshop on: R Programming



“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR

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Department of Statistics

Report on Five-Day Workshop on R Programming

Date: 11th February 2026 to 15th February 2026

Time: 9:00 a.m. to 11:00 a.m.

Venue: Department of Statistics

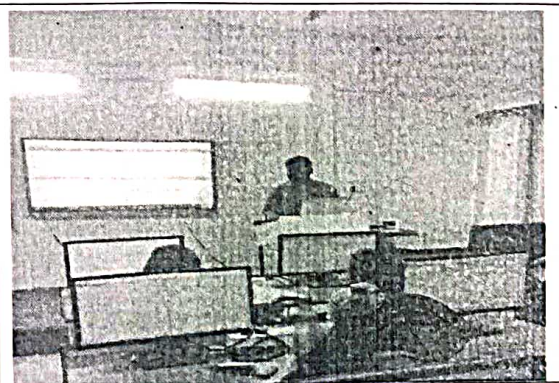
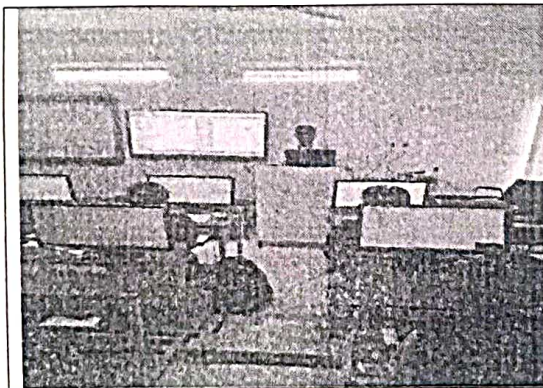
The Department of Statistics, Vivekanand College, Kolhapur, successfully organized a **Five-Day Workshop on R Programming** from **11th February 2026 to 15th February 2026**, held daily from **9:00 a.m. to 11:00 a.m.** The primary objective of the workshop was to provide students with practical knowledge of R programming and its applications in statistical analysis, data visualization, and research.

The workshop featured a series of expert lectures and hands-on practical sessions delivered by Mr. S. S. Salokhe, Dr. D. G. Godase, Dr. Sachin Patil, Mr. A. P. Patil, Mr. D. D. Patil, and Mr. U. S. Mane. The resource persons shared their expertise on various aspects of R programming, including data handling, programming fundamentals, statistical computing, graphical visualization, and introductory machine learning techniques using R.

Throughout the five days, participants learned how to install and use R and RStudio, write R scripts, import and manipulate datasets, perform descriptive and inferential statistical analyses, create high-quality graphs, and apply basic statistical models. The sessions were highly interactive, with practical demonstrations and exercises that enabled participants to gain hands-on experience in solving real-world data analysis problems.

The workshop received an enthusiastic response from students, who actively participated in all sessions, practical activities, and discussions. The resource persons addressed participants' queries and encouraged them to explore R as a powerful open-source software for statistical computing, data analysis, and research.

The workshop concluded successfully on 15th February 2026, achieving its objective of enhancing students' programming and analytical skills. The Department of Statistics expressed its sincere gratitude to all the resource persons Mr. S. S. Salokhe, Dr. D. G. Godase, Dr. Sachin Patil, Mr. A. P. Patil, Mr. D. D. Patil, and Mr. U. S. Mane for their valuable guidance and contribution to the success of the programme. The workshop proved to be an enriching learning experience and motivated participants to further develop their skills in R programming and data science.



Head

Mrs. Y. C. Shinde

Head

Department of Statistics
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